





100+**Product Lines**

Equipment for every laboratory discipline

Global**Distribution**

Serving clients on every continent

ISO**Quality Certified**

International standards compliance assured

R&D**Innovation Driven**

Continuous engineering at our core

01 WHO WE ARE

Labotronics Scientific is a dedicated manufacturer and global supplier of precision scientific laboratory equipment. Built on a foundation of engineering excellence and scientific integrity, Labotronics serves a diverse global clientele that includes research universities, hospital diagnostic laboratories, pharmaceutical manufacturers, environmental testing agencies, food safety authorities, petroleum refineries, and industrial quality-control facilities.

Our identity as a company is shaped by one unwavering principle: that every scientist, technician, and researcher deserves access to equipment that perform reliably, consistently, and safely. We design and manufacture our products to meet that promise, equipment after equipment, experiment after experiment.

Headquartered in USA and reachable worldwide, Labotronics operates with the agility of a specialist manufacturer and the breadth of a full-range scientific equipment supplier. Our catalogue spans more than one hundred product lines, from simple lab burners to advanced desktop XRF analysers and gradient PCR machines.

At Labotronics, we do not simply manufacture equipment, we manufacture the conditions that make great science possible. Every product we build is a commitment to the accuracy, reproducibility, and safety that modern research demands.

02 COMPANY SNAPSHOT

Legal Name	Labotronics Scientific
Operating Name	Labotronics Scientific
Headquarters	Wilmington, USA
Business Type	Manufacturer & Global Supplier of Scientific Laboratory Equipment
Website	www.labotronics.com
Email	info@labotronics.com



Product Catalogue	100+ equipment categories across all major laboratory disciplines
Markets Served	Life Sciences, Clinical Diagnostics, Pharma, Environmental, Petroleum, Food & Beverage, Academia, Industrial QC
Service Model	Direct Sales, Global Export, Technical Consultation
Quality Standards	ISO 9001 Compliant CE-Ready International Safety Standards
Customer Support	Pre-sales consultation, product configuration, after-sales technical support

03 OUR PURPOSE — MISSION, VISION & VALUES

Mission

To manufacture and supply scientifically advanced, highly reliable, and cost-accessible laboratory equipment that enable researchers, clinicians, and quality professionals worldwide to conduct their work with greater precision, confidence, and efficiency.

Vision

To become the foremost globally recognised manufacturer of scientific laboratory equipment synonymous with innovation, quality, and trust empowering discovery across every field of applied science.

Our Guiding Values

Precision

Accuracy First

Non-negotiable performance in every equipment we build

Innovation

R&D Culture

Continuous development keeps our catalogue at the frontier

Partnership

Client Focus

Long-term relationships built on trust and responsiveness

Safety

Built-In Protection

Operator safety features standard across all product lines

Access

Affordable Excellence

Advanced technology at prices that do not exclude

Sustain

Responsibility

Sustainable, energy conscious design throughout



04 PRODUCT PORTFOLIO

Labotronics maintains one of the broadest laboratory equipment catalogues available from a single manufacturer. Our products are grouped below by application domain to assist clients in identifying the right equipment for their specific laboratory workflows.

Analytical & Measurement equipment

Spectrophotometer UV-Vis and visible range; single and double beam	Spectrometer Optical spectrometry for material characterisation
Desktop XRF Analyzer Non-destructive elemental analysis of solids/powders	Particle Size Analyzer Laser diffraction and dynamic light scattering
Density Meter Digital oscillating U-tube density measurement	Densitometer Optical density quantification for gels and films
Moisture Analyzer Halogen and infrared moisture determination	Laboratory Refractometer Digital and Abbe-type refractive index measurement

Thermal & Environmental Control

Laboratory Incubator Gravity and forced-air; CO ₂ models available	Laboratory Oven Drying, curing, and sterilisation ovens to 300°C
Laboratory Furnace Muffle and tube furnaces to 1700°C	Laboratory Freezer ULT freezers to -86°C; chest and upright models
Bath & Circulator Heated, refrigerated, and ultrasonic bath systems	Refrigerated Circulator Precision temperature control for external applications
Laboratory Chiller Recirculating chillers for reactor and equipment cooling	Cold Storage Cabinet Pharmaceutical and biological specimen cold storage

Clinical & Life Science equipment

Biochemistry Analyzer Semi-auto and fully automated clinical chemistry	Immunoassay Analyzer ELISA and chemiluminescence immunoassay platforms
Coagulation Analyzer Haematology coagulation testing equipment	Hemoglobin Analyzer Non-invasive and cuvette-based haemoglobin meters



Bilirubin Meter Transcutaneous and serum bilirubin measurement	Cell Counter Automatic haematology and cell counting analysers
Automated Stainer H&E and special staining for histopathology	Microtome Rotary, sliding, and cryostat microtome systems

Separation, Purification & Preparation

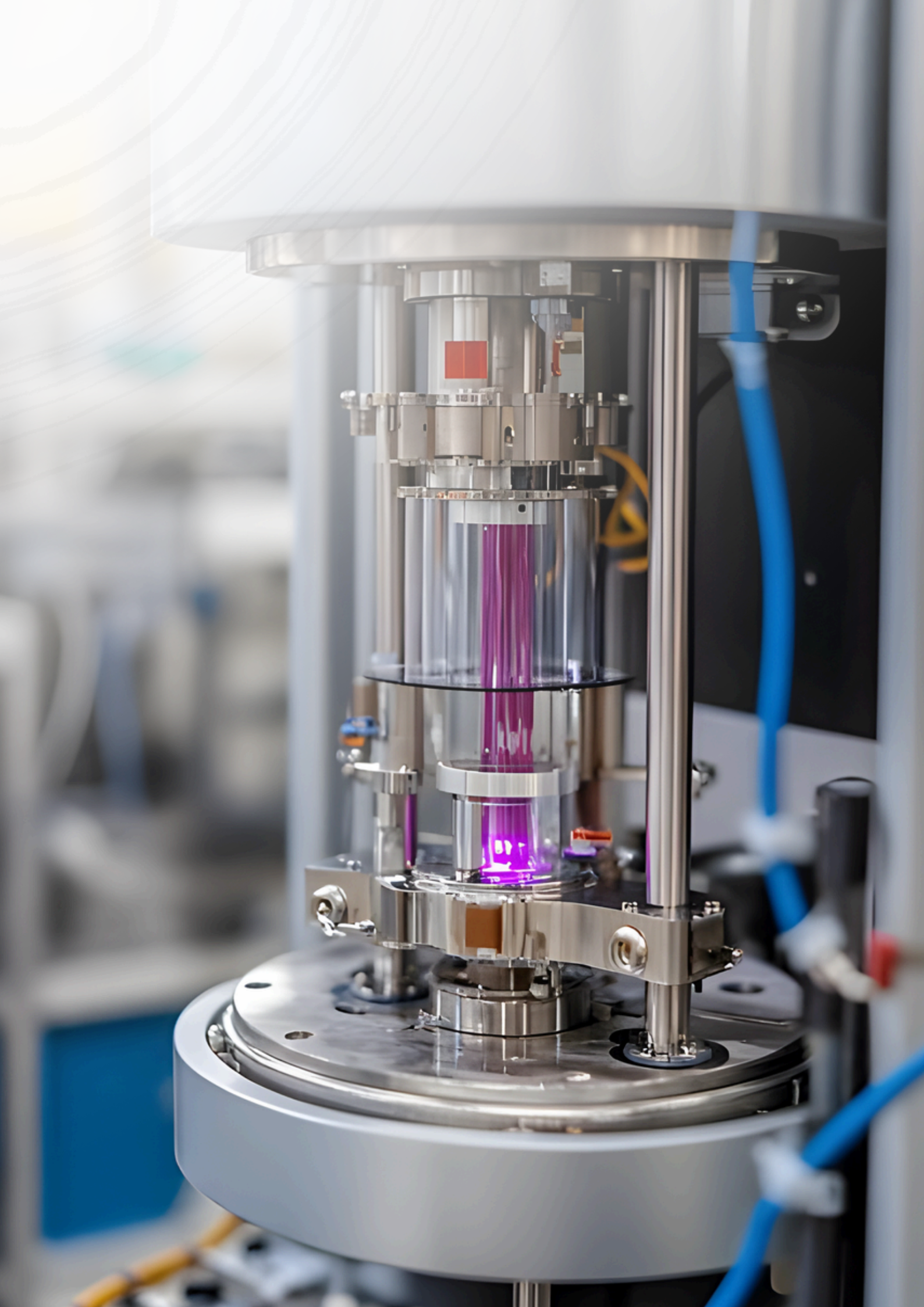
Laboratory Centrifuge Micro, bench-top, refrigerated, and high-speed	Chromatography Systems HPLC, flash, and preparative chromatography
Electrophoresis Unit Horizontal and vertical gel electrophoresis	Filtration System Vacuum, pressure, and membrane filtration apparatus
Rotary Evaporator Glass and large-capacity rotovap systems	Glass Reactor Single and double-jacketed glass reactor systems
Homogenizer Rotor-stator and ultrasonic homogenization systems	Distillation Tester ASTM-compliant solvent distillation testers

Mixing, Stirring & Heating

Hotplate Stirrer Ceramic and aluminium deck hotplate stirrers	Overhead Stirrer High-torque digital overhead stirrers
Mixers & Vortexers Multi-tube vortexers and tube rollers	Laboratory Shakers Orbital, reciprocal, and 3D rocker platforms
Heating Mantle Hemispherical heating mantles with digital control	Oil Bath Temperature-controlled oil bath units
Microwave Workstation Microwave digestion and synthesis workstations	Lab Burner Bunsen and Tirrill burners for general bench use

Safety, Containment & Sterilisation

Biological Safety Cabinet Class II A2 and B2 laminar flow biosafety cabinets	Laminar Flow Cabinet Horizontal and vertical clean air workstations
Laboratory Fume Hood Ducted and ductless fume hoods; variable air volume	Glove Box Inert atmosphere isolation glove box systems
Safety Containment Cabinet Flammable, corrosive, and acid storage cabinets	Laboratory Autoclave Bench-top and floor-standing steam sterilisation



Laboratory Sterilizer

Dry heat and EO sterilisation systems

Lab Washer & Disinfecter

Automated glassware washer and disinfecter

Petroleum & Industrial Testing

Petroleum Testing Equipment

Flash point, viscosity, cloud/pour point equipment

Oxidation Stability Tester

ASTM D2272 / Rancimat oxidation stability

Corrosion Tester

Copper strip corrosion test apparatus

Gel Strength Tester

Gelatin and polymer gel strength measurement

Sulfur Testing Equipment

Combustion and XRF sulfur analysers

Point Tester

Flash, fire, cloud, and pour point equipment

Fiber Analyzer

Crude fibre content determination systems

Kjeldahl System

Nitrogen and protein determination apparatus

Environmental, Air & Liquid Monitoring

Air Sampler

Microbial and particulate air sampling systems

Gas Analyzer

Combustion, exhaust, and ambient gas analysis

Gas Detector

Portable and fixed toxic/flammable gas detectors

Chlorine Meter

Free and total chlorine measurement equipment

pH Meter

Bench-top and portable pH/ORP/conductivity meters

Infrared Thermometer

Non-contact surface temperature measurement

Dehumidifier

Industrial-grade laboratory dehumidification

Meter & Tester

Multi-parameter environmental meters

Liquid Handling & Sample Workflow

Pipettes

Single and multi-channel; fixed and variable volume

Liquid Handling equipment

Semi-automated pipetting and dispensing workstations

Dispensing System

Precision liquid dispensers for reagents and samples

Peristaltic Pump

Tubing-based continuous and variable-speed pumps

Gradient PCR Machine

Gradient thermal cyclers for molecular biology

Colony Counter

Manual and automated digital colony counting

Seed Counter

Optical seed counting and sampling systems

Ice Maker Machine

Flake and cube ice machines for laboratory use



05 RESEARCH, DEVELOPMENT & MANUFACTURING

Innovation is what drives Labotronics forward. Our dedicated Research and Development team continuously monitors advances in sensor technology, digital control systems, materials engineering, and user-interface design to ensure that every product in our catalogue represents the current state of the art.

Engineering Capabilities

- Precision mechanical design and engineering for analytical and thermal equipment
- Electronic and firmware development for microprocessor-controlled equipment platforms
- Sensor integration and signal conditioning for high-accuracy measurement systems
- Software development for equipment control, data logging, and connectivity
- Prototype build, laboratory testing, and full design validation before product release

Manufacturing Standards

- Controlled manufacturing environment to prevent contamination of sensitive components
- Precision machining and fabrication for all mechanical assemblies
- Cleanroom-compatible assembly for life science and clinical equipment
- Scalable production from single units to large institutional orders
- Full component and assembly traceability through production documentation

06 INDUSTRIES & SECTORS SERVED

Labotronics equipment are deployed in some of the most demanding scientific environments in the world. Our broad product range is intentionally designed to serve the full spectrum of laboratory applications:

Hospital & Clinical Diagnostics	Environmental & Water Quality Testing
Academic Research Institutions	Petroleum & Energy Industry
Pharmaceutical & Drug Development	Food Safety & Beverage Quality
Life Sciences & Biotechnology	Industrial Quality Control & Manufacturing
Dental & Medical Device Labs	Agricultural & Seed Science



07 GLOBAL REACH & CUSTOMER SERVICE

Labotronics Scientific serves clients across North America, Europe, Asia-Pacific, the Middle East, Africa, and Latin America. Our distribution model combines direct export supply with regional partnerships, ensuring that customers everywhere have reliable access to our full product range and the technical support they need.

Our Service Promise

- Pre-sales consultation to match equipment precisely to customer applications
- Competitive and transparent pricing with global catalogue accessibility online
- Efficient global shipping and full export documentation support
- After-sales technical support via email, phone, and WhatsApp
- equipment commissioning and installation guidance on request
- Spare parts and consumables supply for continued equipment operation

08 WHY PARTNER WITH LABOTRONICS?

Unmatched Breadth

With 100+ product lines under one roof, clients source complete laboratory set-ups from a single trusted manufacturer, simplifying procurement and ensuring technical compatibility across equipment.

Engineering Integrity

Every equipment is designed in-house by a dedicated engineering team. We build equipment we stand behind — with full documentation, validation records, and technical accountability.

Flexible Supply Model

Whether you need a single bench-top equipment, a full laboratory fit-out, or a large-volume supply arrangement, Labotronics scales to meet your requirement without compromise.

Accessible Expertise

Our team brings deep application knowledge across every sector we serve, providing consultative advice not just a product list to ensure clients invest in the right solution.

Responsive Support

From quotation to commissioning and beyond, our team is reachable via multiple channels and committed to fast, knowledgeable responses that keep your laboratory running.

Competitive Pricing

We manufacture directly and price competitively, making high-quality equipment accessible to institutions of all sizes without compromising on performance.

Labotronics Scientific

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